From: Jessica Winter
To: Eric Blischke/R10/USEPA/US@EPA
Subject: Re: Portland PCB modeling
Date: 03/19/2010 03:09 PM

Sounds good. I think since at the end of running the 5 homolog models we would end up having to scale the results anyway (either down to individual congeners for the food web model or up to total PCBs for compliance with sediment management standards) and since the Kows are not very different, we would not lose much accuracy by just modeling total PCBs, and we would probably save a significant amount of model run time, which might make model calibration & validation and sensitivity & uncertainty analyses much more feasible down the line. But if LWG feels they can do the calibration, etc. with the homologs, then we don't see any key problems with that.

Blischke.Eric@epamail.epa.gov wrote:
> We have gotten feed back. One of the key questions was whether we
> should just model total PCBs with a representative Kow and whether, by
> using the homolog approach, we may be double counting. The advantage of
> running total PCBs is that it only requires one model run instead of
> five. The second question relates back to Bob Dexter's comment.
>
> Larry Burkhard has looked over the approach and it did not raise any red
> flags for him. I have put the two questions back to the LWG to
> consider. However, unless some key problem is identified, we will
> probably give the LWG the go ahead to model the homolog groups as
> proposed.
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> Eric
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> Hi Eric
> Just following up to see if you'd gotten feedback from the other TCT
> participants on the PCB homolog/Aroclor modeling approach. Thanks & have
>
> a good weekend.
>
> --
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